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PATENT ABSTRACTS OF JAPAN

61094930

PALLETIZING ROBOT SYSTEM

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Abstract

PURPOSE: To enable a cargo to be loaded on a transport equipment automatically by grasping the leftover condition of cargoes in a temporary depository and the loading condition of cargoes within a cargo transport equipment by the aid of a graphic display terminal equipment so as to permit a robot to operate in response to the conditions grasped.

CONSTITUTION: The dimension of a cargo is read by a measuring device 1 through a computer control of a palletizing robot system. Subsequently, the cargo is housed in a temporary depository. Then, the leftover condition of cargoes in the depository and the loading condition of cargoes within a cargo transport equipment for shipment such as a pallet and others are grasped by the aid of a graphic display terminal equipment 6. Then, cargoes to be loaded and the location of cargoes to be loaded in the transport equipment are commanded to a robot 5 allowing the robot 5 to pick up the designated cargo as directed from a loop conveyor 3 and load it on the transport equipment.

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